

EXHIBIT 4


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DOW Surfactants

Applications

Products

Alkyl
Polyglucosides
Branched
Secondary Alcohol
Ethoxylates

Ethylene Oxide /
Propylene Oxide
Copolymers

Low Foam Surfactants

Nonylphenol
Ethoxylates (NPE)

Octylphenol
Ethoxylates

Secondary Alcohol
Ethoxylates

Specialty
Alkoxyates

Alkyldiphenyloxide
Disulfonate, Salts

Diocetyl
Sulfosuccinates

Phosphate Esters
Sulfates and
Sulfonates

Technical Library

Surfactants Product Finder

Starting Formulations

Online Support

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Surfactants Home

Low Foam Surfactants

DOW Low Foam surfactants are ideal for low- to no-foam applications. These high performance products provide excellent detergency and wetting properties, caustic and acid stability and superior food and protein soil defoaming ability. DOW Low Foam surfactants are especially suitable for rinse aids, commercial machine dishwashing, food & dairy process cleaners and metal cleaning applications. DOW Low Foam surfactants are also used in pulp & paper, textile processing, pigment dispersions, and other applications.

Use our convenient [SDS Finder](#) to quickly find Safety Data Sheets on our products. For more information, please [contact us](#).

Product

TRITON™ CF-10 Technical Data
Sheet (89KB PDF)

TRITON CF-10 (90%) Technical
Data Sheet (15KB PDF)

TRITON CF-21 Technical Data
Sheet (14KB PDF)

TRITON CF-32 Technical Data
Sheet (14KB PDF)

TRITON CF-76 Technical Data
Sheet (13KB PDF)

TRITON CF-87 Technical Data
Sheet (14KB PDF)

TRITON DF-12 Technical Data
Sheet (14KB PDF)

TRITON DF-16 Technical Data
Sheet (14KB PDF)

TRITON DF-18 Technical Data
Sheet (14KB PDF)

TRITON DF-20 Technical Data
Sheet (14KB PDF)

TERGITOL™ MinFoam 1X
Technical Data Sheet (89KB PDF)

TERGITOL MinFoam 2X Technical
Data Sheet (102KB PDF)

TERGITOL L-61 Technical Data
Sheet (14KB PDF)

TERGITOL L-62 Technical Data
Sheet (14KB PDF)

TERGITOL L-64 Technical Data
Sheet (14KB PDF)

TERGITOL L-81 Technical Data
Sheet (14KB PDF)

TERGITOL L-101 Technical Data
Sheet (14KB PDF)

TERGITOL L-61 E Technical Data
Sheet (276KB PDF)

TERGITOL L-62 E Technical Data
Sheet (279KB PDF)

TERGITOL L-64 E Technical Data
Sheet (271 PDF)

TERGITOL L-81 E Technical Data
Sheet (274 PDF)

Features/Applications

Low foam wetting and detergency, alkaline & acid stable, stable on solid caustic. Uses: paints & coatings, pigment wetting, machine dishwash, rinse aids, metal cleaning

Low foam wetting and detergency, alkaline & acid stable, stable on solid caustic. Uses: paints & coatings, pigment wetting, machine dishwash, rinse aids, metal cleaning

Low foam with excellent wetting, alkaline and acid stability. Uses: Carpet cleaners, textile processing, metal cleaning, spray cleaners, paper processing

Low foam with excellent food soil defoaming, non-crazing, alkali & acid stable. Uses: Machine dishwash, rinse aids, food & dairy cleaners process, bottle washing

Low foam with soap & food soil defoaming, stable on solid caustic. Uses: Food & dairy process cleaners, spray metal cleaners

Low foam with detergency and wetting, soluble without hydrotropes. Uses: Rinse aid concentrates

Low foam at low temperatures, excellent general defoamer for widely ranging foam challenges. Uses: Metal cleaners, low temperature machine dishwash, rinse aids, food & dairy process cleaners

Low foam wetting agent and detergent, excellent acid stability. Uses: Metal cleaning, hard surface cleaners, spray cleaners, textile processing, ion exchange resin cleaners

Low foam detergent, food soil defoamer. Uses: Food and dairy process spray cleaners, metal cleaners, machine dishwash

Low foam detergent, soluble in highly build liquid concentrates. Uses: Heavy-duty spray metal cleaners, highly alkaline cleaners

Excellent low foaming wetting agent, stable in mild acid & alkali. Uses: Spray cleaning, paper & textile processing, hard surface cleaners

Excellent low foaming wetting agent, stable in mild acid & alkali. Uses: Spray cleaning, paper & textile processing, hard surface cleaners

Efficient foam control agent, wetting agent. Uses: Foam control for fermentation, food washing, water treatment, metal working, machine dishwash, food & dairy process cleaning

Efficient foam control agent, wetting agent. Uses: Foam control for fermentation, metal working, machine dishwash, food & dairy process cleaning, paints & coatings

Higher temperature foam control, good detergency. Uses: Fermentation, food processing, adhesives, paper processing, metal working fluids, sanitizing solutions

Low temperature foam control. Uses: fermentation, metal working fluids, chemical intermediates

Low temperature foam control. Uses: Fermentation processes, metal working fluids

Efficient foam control agent, wetting agent. Uses: Foam control for food washing, machine dishwash, food & dairy process cleaning, metal cleaning, laundry aids

Efficient foam control agent, wetting agent. Uses: Foam control for food washing, machine dishwash, food & dairy process cleaning, metal cleaning, laundry aids

Higher temperature foam control, good detergency. Uses: Food processing, rinse aids, hard surface cleaning, metal cleaning

Low temperature foam control. Uses: rinse -aids

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